I have reviewed the C. I. reports since the initial report was issued in December, 1954. The reports where data on cigarettes delivering 1 mg tar or less are cited. These are reported for Carlton 70, Carlton 85 (Box), Carlton 85 (Soft Pack) and B & H 70.

In the C.I. reports dated October and November, 1979, the tar data on Carlton 83 Box were incorrect. The reason for the data being incorrect is because of an error in the water analysis. The error in measuring a small amount of water against a large blank results in a very inaccurate water value which translates into inaccurate, artificially low, dry TPM values. The standard curves for both water and nicotine were expanded by utilizing additional standards and the solvent used in the water analysis was treated differently from the routine procedure in that it was repeatedly dried with molecular sieve to reduce the water content in the solvent. This enabled the water and nicotine values to be determined more accurately at lower levels.

Source: https://www.industrydocuments.ucsf.edu/docs/sxkk0001

CARLTON (BOX) 83

	Tar, mg/cigt.	Nicotine, mg/cigt.
C.I. #5-77	1.0	0.11
#6-77	1.0	0.11
#7-77	0.9	0.10
#8-77	0.9	0.10
#9-77	0.9	0.10
#10-77	0.8	0.08
#11-77	0.4	0.09
#12-77	0.4	0.11
#1-78	0.4	0.11
#2-78	0.4	0.11
#3-78	0.2	0.09
#4-78	0.2	0.09
#5-78	0.2	0.09
#6-78	0.3	0.09
#7-78	0.4	0.08
#8-78	0.4	0.08
#9-78	0.4	0.08
#10-78	0.2	0.08
#11-78	0.3	0.09
#12-78	0.3	0.09
#1-79	0.3	0.09
#2-79	0.3	0.10
#3-79	0.5	0.11
#4-79	0.4	0.09
#5-79	0.3	0.11
#6-79	0.3	0.09
#7-79	0.2	0.08
#8-79	0.2	0.09
#9-79	0.5	0.08
#10-79	0.0*	0.07
#11-79	0.0*	0.06
#12-79	0.4	0.04
#1-80	0.4	0.04
#2-80	0.4	0.04

*See attached memo to Dr. R. B. Seligman to J. E. Wickham, "Carlton 85 (Box)" dated December 20, 1979.

Source: https://www.industrydocuments.ucsf.edu/docs/sxkk0001